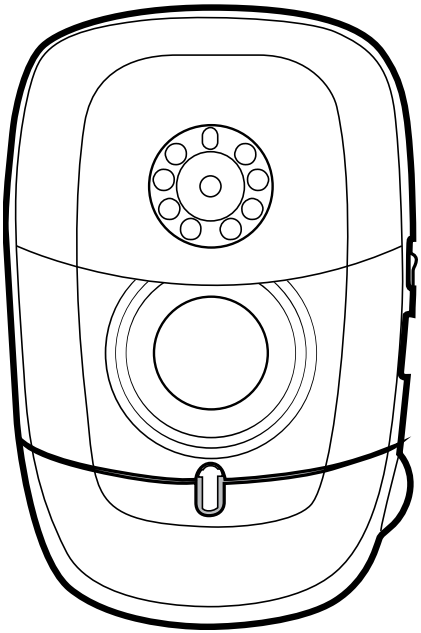
TUTA B12

GSM REMOTE CAMERA



User Manual

Manual version 3.0

TUTA Series GSM Remote Camera

Thank you for purchasing the TUTA camera. This camera is a remotely controlled image-capturing device consisting of a microphone, infrared lighting and a high quality 300,000-pixel camera. The TUTA camera can capture images according to pre-programmed remote commands and send them to your multimedia messaging (MMS) enabled mobile phone. You can control and change the camera settings via SMS command.

The MMS sent by the TUTA camera can be viewed by using your mobile phone. You also can opt to view a slide of consecutive photos taken by the GSM Remote camera.

The built-in high-light infrared LED's allows the camera to capture clear images, even in dark environment.

The TUTA camera is compatible with standard 433MHz wireless sensors such as panic buttons, PIR-, door magnet- and smoking sensors.

All services and functions need to be supported by the selected GSM network and a SIM card.

This brochure suits for TUTA-B12 model.

Details of the functioning and advanced operation of this camera are described in this instruction manual.

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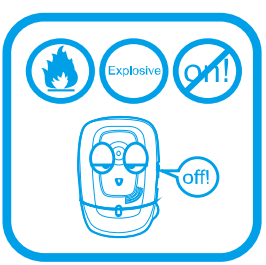
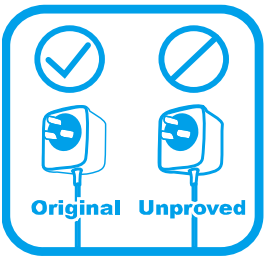
1. **Purchase a GSM SIM card (mobile phone card) from a GSM network service provider and install it in the camera. This SIM card number is referred as TUTA camera number on this brochure.**
2. **The user needs to activate the MMS function and Caller ID Presentation function of SIM card, and deactivate PIN code of the SIM. Contact with GSM network service for support.**
3. **Change the original password at the beginning use. Be sure to keep the password and SIM card number secret. Do not disclose this information to anyone other than the authorized users in order to ensure your safety.**

For your safety

This product is a wireless signal transmission device. Keep it away from electronic equipment likely to interfere with the wireless signals to avoid signal interference.



Switch off your TUTA and mobile phone when entering areas marked "Explosive", "Might explode", "Turn Off wireless transceiver devices", etc.



Do not throw this product in a fire, as this may cause the battery to explode.

This product should only be operated from power approved by the product manufacturer. The use of any other types of power may damage the product.

Keep the product and its accessories out of the reach of children.

Exception clause

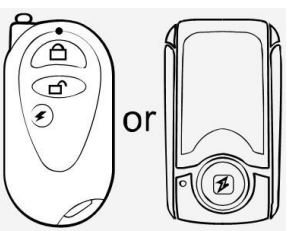
1. We operate on a policy of continuous development. We reserve the right to make changes and improvements to any of the products described in this document without prior notice.
2. For the latest product information, please visit: http://www.i-tuta.com. We don't guarantee for the document veracity, reliability or any content except regulate in proper laws, including no guarantee for product suitability for intended application.
3. Use only this product according to the law. We take no responsibility for the illegal use of this product.
4. We take no responsibility for any loss of data or income; or any special, incidental, consequential or indirect damages howsoever caused.
5. The contents of this document are provided (as is). Except as required by applicable law, we provide no warranties of any kind, expressed or implied, including, but not limited to the accuracy, reliability or contents of this document. We reserve the right to revise this document or withdraw it at any time without prior notice.

Chapter 1

Structure Instruction

1.1 Package contents

Camera host 1 pc



Remote control 2 pcs

Power adapter 1 pc

User manual 1 pc

1.2 Products features

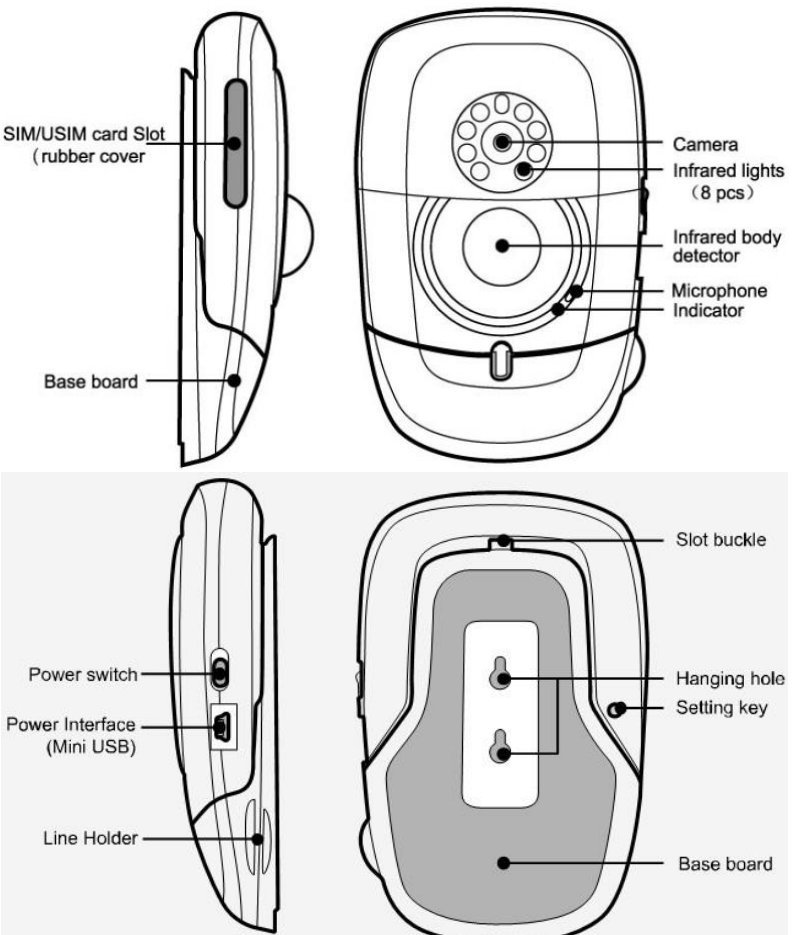
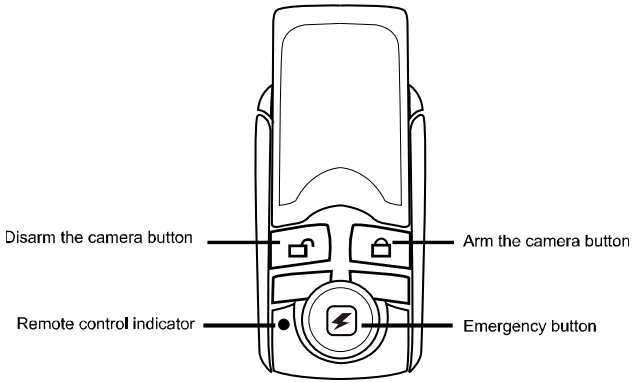


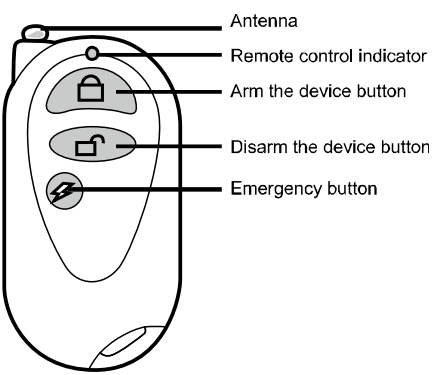
Figure 1: TUTA camera instructions

Tip: Keep the camera lens clean to insure best image quality.

1.3 Remote control instruction



Battery: One 3.0V CR2032 battery.



Battery: One 27A/12V battery.

Figure 2: Remote control instruction

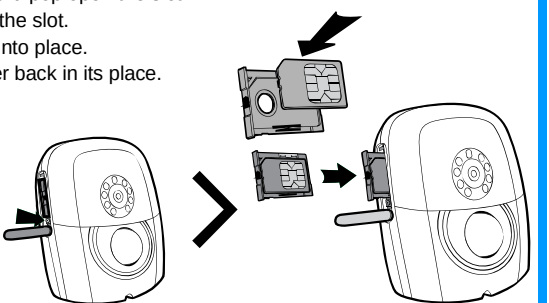
Note: There is battery holder on the rear of the remote control. When this battery is running out of power, the TUTA camera will emit BEEP warning tone and then send a SMS notification message to **Master** user.

Chapter 2

Installation and power on/off

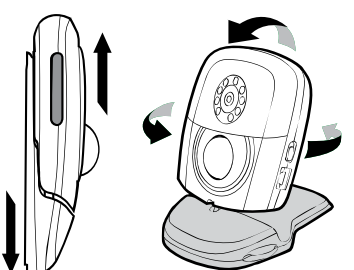
2.1 Installing the SIM card

- Remove the rubber cover from the left side of the camera.
- Open the SIM/USIM card slot by pressing the small dot beside the card slot with the tip of a pencil, and pop open the slot.
- Insert the card into the slot.
- Push the slot back into place.
- Put the rubber cover back in its place.

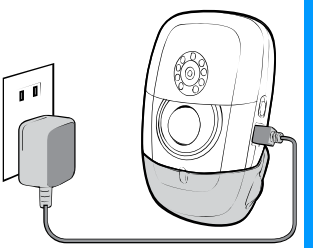


2.2 Extending the camera's base board

- Hold the base of the camera and pull the top part and the bottom part (base) in opposite directions (i.e. away from each other).
- Then the slot buckle will be pulling open.
- The head of the camera can now be moved freely and located at any direction.



2.3 Connecting to power adapter



- Connect the adapter to an AC power, and connect the mini-USB plug to the power interface of the TUTA camera .(See Figure 1 TUTA camera instruction)
- This camera has a built-in rechargeable Lithium battery.
- The camera will notify the user when the power changes. For example, if the power adapter is disconnected or failure of AC power occurs, the TUTA camera will notify the user: External power cut. The device is operating on battery.
- If the TUTA camera is again connected to the external power or the AC power is restored, a notification will be sent to the user stating: The device is now resuming the use of external power source.
- Low battery: The configuration settings cannot be saved when the TUTA camera is operating on low battery.

2.4 Mounting the camera

The TUTA camera can be mounted on a wall (vertically with the screws) or placed on any suitable horizontal surface.

How to choose the installation location:

- To capture better image quality, avoid any areas where bright light will be shining directly into the lens of the camera.
- In order to avoid backlit photography, the camera should be located where it can look down the monitoring place with the minimum angle of 30 degrees.
- The GSM network's signal strength may affect the image, live voice quality and MMS transmission speed. On installation the user should verify that TUTA camera is located in an area with a strong network signal.
- After installation, the user should perform a test-run by taking several images and sending them to the user's mobile phone. This allows the user to check the image quality of the camera. The position of TUTA camera can then be adjusted until a satisfactory image quality level is reached.

2.5 Power on/off

Power on:

Operation	Indicator light	Status
Turn the power switch to ON position.	Red light is on for 3-5 seconds.	
	Red light flashing slowly for about 35 seconds.	
	A BEEP tone will be heard.	
	Green light flash slowly or green light be solid on.	TUTA camera is disarmed(flash) or armed(solid.)

Power off:

Turn the power switch to downside OFF position.

Chapter 3

Define the user and basic operation

3.1 User authorization level

There are three levels, each with a different authorization level, namely **Master**, **Families** and **Guest**.

Table 3.1 the difference in authority for Master, Families and Guests users:

Functions \ User Type		Master	Families	Guests
Change authority, password		**YES**	NO	NO
Automatic Alarm	Receive SMS	**YES**	NO	NO
	Receive MMS	**YES**	NO	NO
	Receive alarm calling	**YES**	**YES**	NO
Emergency alarm	Receive SMS	**YES**	NO	NO
	Receive MMS	**YES**	NO	NO
	Receive emergency calling	**YES**	**YES (Only emergency number)**	
Call the camera to listen in live voice		**YES**	**YES**	NO
Get status, images, help and instruction by sending SMS command		**YES**	**YES**	**YES(Password)**
Set the camera by SMS command		**YES**	**YES**	NO
Add, modify or delete sensor		**YES**	**YES**	NO
Camera language setting		**YES**	NO	NO
Set infrared body detect function		**YES**	**YES**	NO

Note:

- Any MMS enabled mobile phone can receive the images captured by the TUTA camera by sending SMS command with password.
- Any SMS enabled mobile phone can control the TUTA camera with the password command.

About the SMS Command:

- The password must be a four-digit number.
- The original password is 1234.

- The maximum digits that are allows for the phone number is sixteen.
- The TUTA camera will reply to the user after it receives the SMS command.

Note:

- The # symbol must be included when typing an SMS command.
- No spaces allowed within the commands.

3.2 Setup master number

The Master user has all the rights of changing the camera's settings and receives alarm messages from camera. In order to enable all the functions on the camera, the **Master** user must store his/her mobile number in the camera's memory. Only one **Master**'s mobile number (**Master** number) is allowed for a camera.

3.2.1 Add a master number to the camera

The user must edit and send the following SMS (text message) to camera from a mobile phone (the phone number will be the Master number) to:

Setup master number: #00#*PhoneNumber*# **(1)**

The ***PhoneNumber*** is the camera installed SIM card's phone number. In the US, the area code + number is sufficient. Ex: #00#9045551234#

If it is necessary to add a country code in front of the phone number, for example #00#+49123456789# (+49 is the country code of Germany, 123456789 is SIM's phone number).

If the camera reply master number already exists, please refer the Reset Factory Setting section of the manual to delete old master number.

3.2.2 Change the master number

Master user sends following SMS message in order to:

Change the master user's number: #14#*NewMasterNumber*# **(2)**

3.2.3 Change password

In order to ensure your privacy and safety during the use of this camera, change the password once start to use the TUTA camera.

Master user sends following SMS message to:

Change the password: #04#*oldpassword*#*newpassword*# **(3)**

- The ***password*** is a four digit number.
- The original ***password*** is 1234.

3.3 Define family user

Family users have the authority to listen in on the camera, receive images, load the sensors and remote controls to the camera, and receive notification when the motion detector activated. The **family** user's mobile numbers are set by the **Master** user. The **family** users should remember and safeguard the camera's phone number.

3.3.1 Add a family number

The **Master** user can send following SMS message in order to:

Add a family number: #06#*FamilyNumber#* **(4)**

Add several family numbers: #06#*FamilyNumber#...#FamilyNumber#* **(5)**

● Up to 10 ***family*** users' number can be stored on one camera.

3.3.2 Delete family number

The **Master** user can send following SMS message in order to:

Delete a family number: #113#*FamilyNumber#* **(6)**

Delete several family numbers simultaneously:

#113#*FamilyNumber#…#FamilyNumber#* **(7)**

Delete all family numbers: #113# **(8)**

3.4 Define guest user

Any selected person can operate in the **Guest** category if they know the password and the unit's phone number. The **Guest** user(s) can then use their mobile phones to send a SMS command including password to the TUTA camera in order to obtain an MMS image.

3.5 MMS parameter settings

Normally the camera will preset local operator MMS settings in the firmware when it first starts up, so that the user does not need to setup the MMS parameters. But if the GSM operator changes the MMS parameters or a local setting does not preset in the firmware, the user will receive SMS when they request MMS images: Sorry, the network is busy, MMS sending failed. The **Master** number can setup the MMS parameters manually by following method.

Six MMS parameters be set on the camera. The **Master** user should send two SMS

commands to the camera as follow.

Set MMS center: #124#*MMScenter*# **(9)**

Set APN parameters:

#125#*Proxy IP*#*WAPProxyPort*#*HTTPProxyPort*#APN#*Username*#*Pssaword*# **(10)**

Check the current operative network parameter settings: #55# **(11)**

- The ***MMScenter*** should be the MMS center address of GSM provider.
- For example: #124#http://mmsc.monternet.com#
  #125#10.0.0.172#9201#80#cmwap#wap#wap#

3.6 Capturing images

Authority:

Master/ family / guest can send an SMS to the camera to get the MMS image or to send the image(s) to an appointed mobile.

Master/ family member can just call the camera to get the images.

Method 1:

- A **Master** or **family** user calls the camera and hangs up upon hearing the ringing tone (within 10 seconds).
- The TUTA camera will reply SMS notification: Request received, TUTA camera is sending an MMS image.
- The user will then receive the MMS message in a few moments.
- The **guest** users are unable to capture an image by using method 1.

Method 2:

The user sends following SMS message in order to:

Capture one image and send to the user mobile:

For master and family users: #03# **(12)**

For guest users: #03#*password*# **(13)**

Capture several images and send to the user mobile:

For master and family users: #03#*ImageQuantity*# **(14)**

For guest users: #03#*Password*#*ImageQuantity*# **(15)**

- The ***Image quantity*** should be in the range of 1-8 when the image size is set at 160×128 or 320×240 (Refer image size setting elsewhere in the manual.) The default image size is 320×240(QVGA).
- The ***Image quantity*** should be in the range of 1-2 when the image size is set at 640×480.

3.7 Arming or disarming the camera

3.7.1 Arming TUTA camera

- When the user arms the TUTA camera, the built-in infrared body detector (PIR) will start working and detecting body heat. The TUTA camera will automatically send alarm message or making a phone call once the infrared body detector (PIR) triggered.
- There will be 30 seconds alarm suspension period; the user can leave the camera location during this time to avoid a mis-alarm.

Method 1:

The **Master** or **family** user sends following SMS message in order to:

Arming TUTA camera: #01# **(18)**

Method 2:

Press on the remote control, while pointing it in the direction of the TUTA camera. The TUTA camera will emit a BEEP tone, to indicate that arming the TUTA camera is successful. (Refer remote control instruction instructions in the manual elsewhere.)

3.7.2 Camera alarm

Once the camera is triggered in its armed state, the LED will flash fast in green, then turn red and flash fast. It will send an alarm notification via SMS, MMS or make voice calling according to the established setting. After it finishes the alarm process, the camera will enter a one minute alarm-suspension period and the camera will be able to alarm again after that one minute.

3.7.3 Disarming TUTA camera

Method 1:

The **Master** or **family** user sends following SMS message in order to:

Disarming TUTA camera: #02# **(19)**

Method 2:

Press the button on the remote control and the camera will emit a BEEP tone to show the TUTA disarm successfully. (Refer remote control instruction setup in the manual elsewhere.)

3.8 Emergency alarms

User can press the remote control emergency button t**o** make the camera alarm**.** The TUTA camera will stop any current operation once it receives an emergency alarm signal and start to process emergency alarm. The TUTA camera will dial the ***master*** number 3 times until someone answers. If, after 3 attempts, there is no answer, the TUTA camera will automatically stop dialing and revert to its preset mode. The **Master** can listen in the live audio to answer the call.

3.9 Wireless sensor(s)

Standard 433MHz wireless sensors, such as infrared body sensors, wireless door magnet sensors, wireless smoke detector etc. can be set as an alarm sensor of the camera. Up to 15 wireless sensors and wireless panic buttons can be loaded onto one TUTA camera.
There are two modes for wireless sensor:
Arming alarm mode: the sensor will only alarm when the camera in its armed mode. Normally door sensors and infrared sensors work with this mode.
Always alarm mode: the sensor will always alarm once the sensor triggered even the camera is in its disarmed mode. Normally smoke detectors, gas detectors and panic buttons will work with this mode.

3.9.1 Loading sensor to camera

1. Power on the wireless sensor.
2. The **Master** or **family** user sends following SMS message to make TUTA camera enter loading mode:

   Arming-alarm mode: #05#*SensorDescription#* **(20)**

   Always-alarm mode: #196#*SensorDescription#* **(21)**

   - ***SensorDescription*** is used for identify different sensors affiliated with each camera. It can be numbers and letters.
   - ***SensorDescription*** could be empty. For #05#, TUTA camera will recognize the sensors with name Sensor and number such as: Sensor1, Sensor2, Sensor3. For #196#, the TUTA camera will recognize the sensors with name SOS and number such as SOS1, SOS2, SOS3.
   - Up to 9 characters can be include in the **SensorDescription**
   - The default for a sensor alarm is to only send an SMS. If the user wants the camera to send SMS & MMS of this sensor alarm, add an * in front of sensor description, such as #05#*door#.
3. When the TUTA camera receives the SMS command, it will emit a BEEP tone and the indicator will flash red and green alternately. The TUTA camera will then send a notification SMS to the user: Camera pairing sensor, activate sensor then wait for

confirmation SMS.

4. The user then needs to make the sensor work and transmit signal to be captured by the TUTA camera.
5. When the TUTA camera receives the sensor signal, it will emit a BEEP tone and send a notification message SMS: Sensor *** successfully paired.
6. To exit the loading mode manually, press the **SET** button of the camera, TUTA camera will emit a Beep… tone and exit the loading mode.

3.9.2 Removing a sensor from camera

The **Master** or **family** user sends following SMS message to the TUTA camera:

Remove a sensor: #112#*SensorDescription#...#SensorDescription#* **(22)**

Remove all sensors: #112# **(23)**

- ***Sensor description*** should be the existing sensor which the user wants to remove.

3.10 Resetting the camera

User can reset the camera to factory settings if the user forgets the master number or camera does not work normally.

After resetting to the factory setting, the camera will delete all set numbers and other set values and the user will need to setup the master number from the beginning.

Method 1: Reset via the camera

- Switch the TUTA camera off. It must remain off for a minimum of 20 seconds.
- Press and hold the **SET** button and then switch the TUTA camera back on.
- The indicator light will be green for 2-4 seconds after which it will flash red.
- If resetting of TUTA camera is successful, a BEEP tone will be emitted.

Method 2: Reset via SMS command

The **Master** user sends following SMS message to TUTA camera:

Reset the camera: #08#*password#* **(24)**

Chapter 4

Advanced settings

4.1 Remote control

4.1.1 Pairing a remote control

Normally the remote control will be paired in factory. if the remote camera can not work with TUTA camera, user should pair the remote control separately. A camera can pair up to 5 remote controls.

Operations	Status	Camera indicator
1. Press and hold the **Set** key for 2 seconds	Indicator light turns to orange (Learning mode)	Green, flashing or constantly light.
2. Press any button on the remote control (with battery inside) to send a signal to TUTA camera.	TUTA camera will emit a BEEP tone and indicator will turn green for 2S. (Added successfully.)	Orange, flashing
3. Repeat step2 to load another new remote camera.		Orange, flashing
4. Press the **Set** key to exit the learning mode or waiting for 15 seconds to auto-exit.	Indicator light turns green, flashing or constantly light. (Exit learning mode)	Orange, flashing

4.1.2 Remote control instruction

There are three buttons on the remote control:

A. **Arm the TUTA camera**

- When is pressed, the indicator light on the TUTA camera will turn green. This indicates that the TUTA camera is in armed mode.

B. **Disarm the TUTA camera**

- When is pressed, the indicator light on the TUTA camera will slowly flash green. This indicates that the TUTA camera is in disarmed mode.

C. **Emergency button**

- When is pressed, the indicator light on the TUTA camera will rapidly flash green. Then the TUTA camera will dial the master user's number. A live audio stream

will be heard upon answering the emergency call.

4.1.3 Removing remote controls from the camera

The **Master** user sends following SMS message in order to:

Remove all remote controls from the camera: #111# **(25)**

4.2 Infrared body detector

The user sends the following command to activate/deactivate the built-in infrared body detector.

Activate infrared body detector (default): #118#1# **(26)**

Deactivate infrared body detector: #118#0# **(27)**

4.3 Camera language

Each camera included two languages in the firmware. The default language is English. The other language is Spanish, and user can send following SMS command to switch to a different language:

Spanish language: #127#0# **(28)**

English language(Default): #127#1# **(29)**

4.4 Image size

The user can send the following SMS command to:

Set the images size: #32#*value*# **(30)**

- If the **value** is 1, the image size is 160 ×128(pixels). It's for a standard small screen mobile phone. The size of one MMS image file is 4K.
- If the **value** is 2, the image size is 320×240(QVGA default). The size of one MMS image file is 9K.
- If the **value** is 3, the image size is 640 × 480 (VGA). The size of one MMS image file is 33K.

4.5 Image quantity

Camera will send max 8 images in ONE MMS according to the setting. The user sends following SMS command to:

Set alarm images quantity: #33#*quantity*# **(31)**

- The default ***quantity*** value is 5, with the default image size 320×240 and the Image capturing interval time.

- The ***quantity*** value should be in the range of 2-8.
- If the image size is 640×480, only up to 2 image quantity can be used.

4.6 Beep tone

When beep mode is active, the camera will beep when camera alarms. The user sends the following SMS command to:

Activate BEEP tone: #130#1# **(32)**

Deactivate BEEP tone(Default): #130#0# **(33)**

4.7 SMS alarm setting

The camera alarm defaults with SMS to user's mobile phone. The user can send the following command to deactivate the SMS alarm function:

SMS alarm function OFF: #11#0# **(34)**

SMS alarm function ON (Default): #11#1# **(35)**

4.8 MMS alarm setting

MMS alarm function OFF: #12#0# **(36)**

MMS alarm function ON (Default): #12#1# **(37)**

4.9 Dialing phone call when the alarm is triggered

Dial master number when alarm function OFF (Default): #13#0# **(38)**

Dial master number when alarm function ON: #13#1# **(39)**

4.10 LED indicator setting

If the LED indicator is on, it will display in different ways to show the working status. If it turns off, it can make the TUTA camera more easily avoid being found easily. The user sends the following SMS command to set LED indicator's mode:

Turn off indicator: #143#0# **(42)**

Turn on indicator (Default): #143#1# **(43)**

4.11 SMS notification upon the power supply changes

SMS notification upon the power supply changing (Default): #144#1# **(44)**

No SMS notification upon the power supply changing: #144#0# **(45)**

Chapter 5 General troubleshooting

No.	General Trouble	Possible Reason	Solution
1	Can't start camera (Indicator is working)	Another master is already set in the camera.	Recover to factory default setting.
2	All functions disabled (Indicator is working)	Caller ID presentation or MMS functions of the SIM card do not active, insufficient fee of the SIM card.	Contact network provider to active SIM card function. Pay for the card.
3	Indicator constant light in red color.	Can't find or identify the SIM card.	SIM card not installed properly: Power off the camera and check it again.
4	Camera doesn't respond to of any operation.	TUTA camera work abnormally.	Switch off the power, check SIM card, or reset factory setting.
5	After starting the camera, indicator flashed in red color and does not turn to green.	Network signal weak or network busy.	Place the camera at another location with strong signal and try again.
		SIM card PIN code actives.	Deactivate the PIN code.
		SIM card invalid.	Contact with local operator to check.
6	Remote control can't work. Or action slowly. Or control distance range shortened.	Camera low power.	Connect external power to recharge the battery.
		Remote control low power.	Change remote control battery.
		Two remote controls work simultaneously.	Try only one remote control.
7	Can't add new remote control or wireless sensor	The remote control or sensor already loaded successfully.	Exit the loading status.
		The sensor quantity is already reaches its max number.	Delete old sensors before add new sensor.
		Didn't set master user number	Set master number before add sensor.
8	Can't start the camera after a long time using only the battery.	Battery ran out of power.	Connect the camera to external AC power and charge for at least one hour, then, restart camera.

Note: If the problem can't be solved with above guidelines, contact to your local distributor or after service center.

Chapter 6 Main technical parameters

Power adaptor	Input: 100V～240V/50Hz Output: 5.5V DC
Work temperature	-10℃～+45℃
Store temperature	-20C～+60C
Relative humidity	10-90%，without condensation
Working band	EGSM900,DCS1800 (GSM850,PCS1900 Optional)
Communication protocols	GSM PHASE 2/2+ (including data operation)
Wireless sensor receiving code	ASK
Wireless sensor receiving band	433MHz
Max. wireless sensors	15 units
Remote control receiving band	433MHz
Effective distant of the remote control	6 meters (wide area)
Image format	JPEG
Image resolution	160×128,QVGA320×240,VGA640×480
Camera pixel	300K pixel
Camera shooting angle	68 degrees
Best shooting distance at night	≤8 meters
Lithium battery (Inner)	800mAh
Battery standby time	~12 hours（Affected by network）

Appendix: SMS commands list

Category	Function	Command	User
Define the user	Add a master number to the camera	(1) #00#+*CountryCodePhoneNumber#* In the us: #00#AreaCodePhoneNumber#	Master
	Change the master user's number	(2) #14#*NewMasterNumber#*	
	Change the password	(3) #04#*oldpassword#newpassword#*	
	Add a family number	(4) #06#*FamilyNumber#*	
	Add several family numbers	(5) #06#*FamilyNumber#...#FamilyNumber#*	
	Delete a family number	(6) #113#*FamilyNumber#*	
	Delete several family numbers simultaneously	(7) #113#*FamilyNumber#…#FamilyNumber#*	
	Delete all family numbers	(8) #113#	
Network parameter settings	Set MMS center	(9) #124#MMScenter#	Master
	Set APN parameters	(10)#125#GatewayIP#WAPGatewayPort#HTTPGatewayPort#APN#APNusername#APNpassword#	
	Check the operative network parameter settings	(11) #55#	
Capturing images	Capture one image and send to the user mobile	(12) #03#	Master Family
		(13) #03#*password#*	Guest
	Capture more than one image and send to the user mobile	(14) *#03#ImageQuantity#*	Master Family
		(15) *#03#Password#ImageQuantity#*	Guest
Arming/ Disarming	Arming the TUTA camera manually	(18) #01#	Master Family
	Disarming the TUTA camera manually	(19) #02#	Master Family
Wireless sensor	Make the TUTA camera enter loading mode and set corresponding alarm mode	(20) #05#*SensorDescription#*	Master Family
	Make the TUTA camera enter loading wireless panic button mode	(21) #196#*PanicDescription#*	Master Family
	Remove a wireless sensor	(22)#112#*SensorDescription#…#SensorDescription#*	Master Family
	Remove all wireless sensors	(23) #112#	Master Family

Category	Function	Command	User
Reset	Reset the camera	(24) #08#*password*#	Master
Remote control	Remove all remote controls from the camera	(25) #111#	Master Family
Infrared body detector	Activate infrared body detector (default)	(26) #118#1#	Master Family
	Deactivate infrared body detector	(27) #118#0#	Master Family
language setting	The user's first language (or Spanish) version	(28) #127#0#	Master
	English version	(29) #127#1#	Master
Image settings	Image size	(30) #32#*value*#	Master Family
	Image quantity	(31) #33#*quantity*#	
Automatic alarm settings	Activate BEEP tone	(32) #130#1#	Master Family
	Deactivate BEEP tone (Default)	(33) #130#0#	
	SMS alarm function OFF	(34) #11#0#	
	SMS alarm function ON (Default)	(35) #11#1#	
	MMS alarm function OFF	(36) #12#0#	
	MMS alarm function ON (Default)	(37) #12#1#	
	Dial master number when alarm function OFF (Default)	(38) #13#0#	
	Dial master number when alarm function ON	(39) #13#1#	
	MMS alarm to email function OFF(Default)	(40) #110#0#	
	MMS alarm to email function ON	(41) #110#1#	
LED lights	Turn off indicator	(42) #143#0#	Master Family
	Turn on indicator(Default)	(43) #143#1#	
SMS notification and reply	SMS notification upon the power supply changing (Default)	(44) #144#1#	Master Family
	No SMS notification upon the power supply changing	(45) #144#0#	